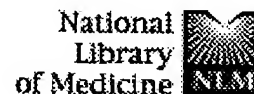


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Expression of liver X receptor target genes decreases cellular amyloid beta peptide secretion.

J Biol Chem. 2003 Jul 25;278(30):27688-94. Epub 2003 May 16.
PMID: 12754201 [PubMed - indexed for MEDLINE]

☐ 2: [Koldamova RP, Lefterov IM, Ikonomic MD, Skoko J, Lefterov PI, Isanski BA, DeKosky ST, Lazo JS.](#)

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22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding cassette transporter A1 expression and cholesterol efflux in brain cells and decrease amyloid beta secretion.

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beta-Amyloid efflux mediated by p-glycoprotein.

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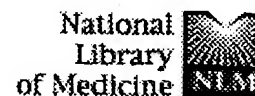
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















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TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter;
protein expression regulation, vector expression in host cell, sense
and antisense oligonucleotide use in disease therapy and gene therapy
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PA ACTIVE PASS PHARM INC
PI WO 2002064781 22 Aug 2002
AI WO 2002-CA138 8 Feb 2002
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.beta. peptide secretion
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CS A.R. Tall, Department of Medicine, College of Physicians/Surgeons,
Columbia University, New York, NY 10032, United States.
E-mail: art1@columbia.edu
SO Journal of Biological Chemistry, (25 JUL 2003), 278/30 (27688-27694), 40
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TI 22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding
cassette transporter A1 expression and cholesterol efflux in brain cells
and decrease amyloid .beta. secretion
AU Koldamova R.P.; Lefterov I.M.; Ikonomic M.D.; Skoko J.; Lefterov P.I.;
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LA English
SL English

L3 ANSWER 4 OF 41 BIOTECHNO COPYRIGHT 2004 Elsevier science B.V. on STN
AN 2002:34308472 BIOTECHNO
TI A low-density DNA microarray for analysis of markers in breast cancer
AU Lacroix M.; Zammattéo N.; Remacle J.; Leclercq G.
CS Prof. M. Lacroix, Lab. Jean-Claude Heuson De Cancerol., Institut Jules
Bordet, Université Libre de Bruxelles, 127 Boulevard de Waterloo, B-1000
Bruxelles, Belgium.
E-mail: labo.cancerologie.mammaire@bordet.be
SO International Journal of Biological Markers, (2002), 17/1 (5-23), 32

reference(s)
CODEN: IBMAEP ISSN: 0393-6155
DT Journal; General Review
CY Italy
LA English
SL English

L3 ANSWER 5 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:937303 CAPLUS
DN 138:20443
TI Endocrine disruptor screening using DNA chips of endocrine
disruptor-responsive genes
IN Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto,
Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin
PA Takara Bio Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRAI	JP 2001-73183	A	20010314		
	JP 2001-74993	A	20010315		
	JP 2001-102519	A	20010330		

L3 ANSWER 6 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:674679 CAPLUS
DN 137:212030
TI Protein and cDNA sequences of human ATP-binding cassette transporter ABCA9
and their uses in diagnosis and therapy
IN Chen, Hongyun; Le Bihan, Stephane; Nathwani, Parimal S.; Connop, Bruce P.
PA Active Pass Pharmaceuticals, Inc., Can.
SO U.S. Pat. Appl. Publ., 46 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002123106	A1	20020905	US 2002-90454	20020304
	WO 2002070692	A2	20020912	WO 2002-CA275	20020304
	WO 2002070692	A3	20030410		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-273618P	P	20010305		
	US 2001-309096P	P	20010731		
	US 2001-315687P	P	20010828		

L3 ANSWER 7 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:241334 CAPLUS
DN 136:257275
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-Lai
PA Can.
SO U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 67,523,
abandoned.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002037843	A1	20020328	US 1998-177413	19981023
	US 6514686	B2	20030204		
	WO 2000024390	A1	20000504	WO 1999-US23885	19991014
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1123090 A1 20010816 EP 1999-954894 19991014
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
JP 2002528411 T2 20020903 JP 2000-578000 19991014
AU 762593 B2 20030626 AU 2000-11128 19991014
US 6660725 B1 20031209 US 2000-643511 20000822
PRAI US 1997-847616 B2 19970428
US 1998-67523 B2 19980428
US 1998-177413 A2 19981023
WO 1999-US23885 W 19991014

L3 ANSWER 8 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:290832 CAPLUS
DN 132:318003
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-lai
PA The University of British Columbia, Can.
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000024390	A1	20000504	WO 1999-US23885	19991014
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002037843	A1	20020328	US 1998-177413	19981023
US 6514686	B2	20030204		
EP 1123090	A1	20010816	EP 1999-954894	19991014
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002528411	T2	20020903	JP 2000-578000	19991014
AU 762593	B2	20030626	AU 2000-11128	19991014
PRAI US 1998-177413	A2	19981023		
US 1997-847616	B2	19970428		
US 1998-67523	B2	19980428		
WO 1999-US23885	W	19991014		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:719248 CAPLUS
DN 130:510
TI Method and composition for modulating amyloidosis
IN Reiner, Peter B.; Lam, Fred Chiu-lai
PA The University of British Columbia, Can.
SO PCT Int. Appl., 67 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9848784	A2	19981105	WO 1998-US8463	19980428
WO 9848784	A3	19990812		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9872603 A1 19981124 AU 1998-72603 19980428
EP 979086 A2 20000216 EP 1998-919923 19980428

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

JP 2002504895 T2 20020212 JP 1998-547254 19980428
PRAI US 1997-847616 A2 19970428
WO 1998-US8463 W 19980428

L3 ANSWER 10 OF 41 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 2003:44222 DISSABS Order Number: AAINQ75112
TI Regulation of beta-amyloid secretion in vitro through p-glycoprotein
AU Lam, Fred Chiu-Lai [Ph.D.]; Reiner, Peter B. [advisor]
CS The University of British Columbia (Canada) (2500)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 12B, p. 5698.
Order No.: AAINQ75112. 134 pages.
ISBN: 0-612-75112-0.
DT Dissertation
FS DAI
LA English

L3 ANSWER 11 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98349 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74352
DESC Human ***ABC*** ***transporter*** ABCG1 SEQ ID NO 10.

L3 ANSWER 12 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98348 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74351
DESC Human ***ABC*** ***transporter*** ABCG4 SEQ ID NO 9.

L3 ANSWER 13 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98347 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74350

DESC Human ***ABC*** ***transporter*** ABCA2 SEQ ID NO 8.
 L3 ANSWER 14 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABB98346 Protein DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR N-PSDB: ABV74349
 DESC Human ***ABC*** ***transporter*** ABCB1 SEQ ID NO 7.
 L3 ANSWER 15 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABB98345 Protein DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR N-PSDB: ABV74348
 DESC Human ***ABC*** ***transporter*** ABCB9 SEQ ID NO 6.
 L3 ANSWER 16 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABV74352 DNA DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR P-PSDB: ABB98349
 DESC Human ***ABC*** ***transporter*** ABCG1 encoding polynucleotide
 SEQ ID NO 5.
 L3 ANSWER 17 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABV74351 DNA DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR P-PSDB: ABB98348
 DESC Human ***ABC*** ***transporter*** ABCG4 encoding polynucleotide
 SEQ ID NO 4.

L3 ANSWER 18 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABV74350 DNA DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR P-PSDB: ABB98347
 DESC Human ***ABC*** ***transporter*** ABCA2 encoding polynucleotide
 SEQ ID NO 3.

L3 ANSWER 19 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABV74349 DNA DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR P-PSDB: ABB98346
 DESC Human ***ABC*** ***transporter*** ABCB1 encoding polynucleotide
 SEQ ID NO 2.

L3 ANSWER 20 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABV74348 DNA DGENE
 TI Regulating expression of ***amyloid*** ***precursor***
 protein in a cell, useful in preventing or treating neurological
 disease, e.g. Alzheimer's disease, comprises regulating the expression or
 activity of an ATP-binding cassette transporter -
 IN Reiner P B; Connop B P; Pollard M
 PA (ACTI-N) ACTIVE PASS PHARM INC.
 PI WO 2002064781 A2 20020822 78p
 AI WO 2002-CA138 20020208
 PRAI US 2001-267975P 20010209
 US 2001-309256P 20010731
 DT Patent
 LA English
 OS 2002-667006 [71]
 CR P-PSDB: ABB98345
 DESC Human ***ABC*** ***transporter*** ABCB9 encoding polynucleotide
 SEQ ID NO 1.

L3 ANSWER 21 OF 41 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN
 AN 2002084819 EMBASE
 TI Secretion, endocytosis, and protein quality control.
 AU Pavelka M.; Roth J.
 CS M. Pavelka, Inst. for Histology and Embryology, University of Vienna, 1090
 Vienna, Austria. margit.pavelka@univie.ac.at
 SO Histochemistry and Cell Biology, (2002) 117/2 (89).
 ISSN: 0948-6143 CODEN: HCBIFP
 CY Germany
 DT Journal; Conference Article
 FS 005 General Pathology and Pathological Anatomy
 029 Clinical Biochemistry
 LA English

L3 ANSWER 22 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522073 GenBank (R)
 GenBank ACC. NO. (GBN): AX522073

GenBank VERSION (VER): AX522073.1 GI:24410963
CAS REGISTRY NO. (RN): 467193-45-9
SEQUENCE LENGTH (SQL): 3201
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 5 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo

NUCLEIC ACID COUNT (NA): 728 a 823 c 838 g 812 t

REFERENCE:

1
AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
protein expression by modification of
abc ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 5 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..3201	/organism="Homo sapiens" /db-xref="taxon:9606"

SEQUENCE (SEQ):

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1 gaattccggg atgtggaacg gtcgcaggag gctgctacaa gccccatgag caaggctgtt
61 cccactgaca gagctttccc aggatgacag agagtgcgct ctgcctctct ggggtgtgct
121 agcctacgag gggcaatcgt aaggcgaatg tcaactgaaag aacacaagtg tccttaaaca
181 tggactatct gggctttcta gtgtgaaat tcttccact cccactgccc acttccatt
241 atataaaaaa cacagtgtgt tcatgttttt gtttctttac tgtttttctt tgtttttgtt
301 aagaatgcat tcatttattc aaaattgttt attgtagaat aatcaggcat tgcgtggatg
361 aggtgggtgc cagcaacatg gagggcactg agacggacct gctgaatgga catctgaaaa
421 aagtagataa taacctcacg gaagcccagc gcttctcttc cttgcctcgg agggcagctg
481 tgaacattga attcagggac ctttcttatt cggttcttga aggaccctgg tggaggaaga
541 aaggatacaa gacctctctg aaaggaaatt ccgggaagtt caatagtggg gagttgggtg
601 ccattatggg tccttccggg gccgggaagt ccacgctgat gaacatcctg gctggataca
661 gggagacggg catgaagggg gccgtcctca tcaacggcct gccccgggac ctgcgctgct
721 tccggaaggt gtccgtctac atcatgcagg atgacatgct gctgccgcat ctcactgtgc
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841 aaatggtcaa ggagatactg acagcgctgg gcttgctgtc ttgcgccaac acgcggaccg
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961 ctccagtcac gttcttcgat gagcccacca gcggcctgga cagcgctcc tgcttccagg
1021 tgggtctcgt gatgaaaggg ctgcgtcaag ggggtcgtc catcatttgc accatccacc
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1141 gtgtgtaccg gggaaaagtc tgcaatcttg tgccatattt gagggatttg ggtctgaact
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1381 taaagcagac aaaacgatta aagggggttg gaaaggactc ctcgtccatg gaaggctgcc
1441 acagcttctc tgccagctgc ctcacgcagt tctgcacctt cttcaagagg accttctca
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1561 tcctcattgg cctgctgtac ttggggatcg ggaacgaagc caagaaggtc ttgagcaact
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1801 tggcctactg cagcatcggt tactggatga cgtcgcagcc gtccgcagcc gtggcctttg
1861 tgctgtttgc cgcgctgggc accatgacct ccctgggtgg acagtccctg ggcctgtgta
1921 tcggagccgc ctccacgtcc ctgcagggtg ccactttcgt gggcccagtg acagccatcc
1981 cgggtctcct gttctcgggg ttcttctgta gcttcgacac catccccacg tacctacagt
2041 ggatgtccta catctcctat gtcaggatga ggttcgaagg ggtcatcttc tccatctatg
2101 gcttagaccg ggaagatctg cactgtgaca tcgacgagac gtgccacttc cagaagtcgg
2161 aggccatcct gcgggagctg gacgtggaaa atgccaaagt gtacctggac ttcacgtac
2221 tcgggatttt cttcatctcc ctccgcctca ttgcctattt tgcctcagg taaaaaatcc
2281 gggcagagag gtaaaacacc tgaatgccag gaaacaggaa gattagacac tgtggccgag
2341 ggcacgtcta gaatcgagga ggcaagcctg tgcccagacc acgacacaga gactcttctg
2401 atccaacccc tagaaccggt ttgggttttg ggggtgtctg tgctcagcca ctctgccag
2461 ctgggttggg tcttctctcc attccccttt cttagcttta ctaggaagat gtaggcagat
2521 tgggtggttt ttttttttta acatacagaa ttttaaatac cacaactggg gcagaattta
2581 aagctgcaac acagctgggt atgagaggct tcctcagtc agtcgctcct tagcaccagg
2641 caccgtgggt cctggatggg gaactgcaag cagcctctca gctgatgctg cgcagtcaga
2701 tgtctgggtg cagagagtcc gagcatggag cgattccatt ttatgactgt tgtttttcac
2761 attttcatct ttctaagggt tgtctctttt ccaatgagaa gtcatttttg caagccaaaa
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2821 gtcatgaat cgcattcatt ttaagaaatt ataccttttt agtacttgct gaagaatgat
 2881 tcagggtaaa tcacatactt tgttttagaga ggcgaggggt ttaaccgagt caccagctg
 2941 gtctcataca tagacagcac ttgtgaagga ttgaatgcag gttccaggtg gaggaagac
 3001 gtggacacca tctccactga gccatgcaga catTTTTTaaa agctatacaa aaaattgtga
 3061 gaagacattg gccaaactctt tcaaagtctt tctTTTTTcca cgtgcttctt attttaagcg
 3121 aaatatattg tttgtttctt cctaaaaacg gaattctttt gctTTTTTacc ctggaagaaa
 3181 tactcataat agtagtagta g

L3 ANSWER 23 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522072 GenBank (R)
 GenBank ACC. NO. (GBN): AX522072
 GenBank VERSION (VER): AX522072.1 GI:24410962
 CAS REGISTRY NO. (RN): 467193-44-8
 SEQUENCE LENGTH (SQL): 3455
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 24 Oct 2002
 DEFINITION (DEF): Sequence 4 from Patent WO02064781.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 639 a 1097 c 920 g 799 t
 REFERENCE: 1
 AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
 TITLE (TI): Regulation of ***amyloid*** ***precursor***
 protein expression by modification of
 abc ***transporter*** expression or
 activity
 JOURNAL (SO): Patent: WO 02064781-A 4 22-AUG-2002; Active Pass
 Pharmaceuticals, Inc. (CA)

Feature Key	Location	Qualifier
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CAS REGISTRY NO. (RN): 467193-43-7
SEQUENCE LENGTH (SQL): 8056
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 3 from Patent WO02064781.
SOURCE: human.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
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Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1461 a 2694 c 2416 g 1485 t
REFERENCE: 1
AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
***protein*** expression by modification of
***abc*** ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 3 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

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LOCUS (LOC): AX522070 GenBank (R)
GenBank ACC. NO. (GBN): AX522070
GenBank VERSION (VER): AX522070.1 GI:24410960
CAS REGISTRY NO. (RN): 467193-42-6
SEQUENCE LENGTH (SQL): 4643
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 2 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1372 a 890 c 1130 g 1251 t
REFERENCE: 1
AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
***protein*** expression by modification of
***abc*** ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 2 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

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FEATURES (FEAT):
Feature Key Location Qualifier
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/db-xref="taxon:9606"

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LOCUS (LOC): AX522069 GenBank (R)
 GenBank ACC. NO. (GBN): AX522069
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 CAS REGISTRY NO. (RN): 467193-41-5
 SEQUENCE LENGTH (SQL): 3512
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 24 Oct 2002
 DEFINITION (DEF): Sequence 1 from Patent WO02064781.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 638 a 1134 c 1044 g 696 t
 REFERENCE: 1
 AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
 TITLE (TI): Regulation of ***amyloid*** ***precursor***
 protein expression by modification of
 abc ***transporter*** expression or
 activity
 JOURNAL (SO): Patent: WO 02064781-A 1 22-AUG-2002; Active Pass
 Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

Feature Key	Location	Qualifier
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L3 ANSWER 27 OF 41 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10225430 IFIPAT;IFIUDB;IFICDB
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 EXPRESSION OR ACTIVITY
 IN Connop Bruce P (CA); Pollard Michelle (CA); Reiner Peter B (CA)
 PI US 2002169137 A1 20021114
 AI US 2002-72621 20020208
 PRAI US 2001-267975P 20010209 (Provisional)
 US 2001-309256P 20010731 (Provisional)
 FI US 2002169137 20021114
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 19
 GI 1 Figure(s).
 FIG. 1 is a schematic diagram indicating the cleavage sites and membrane orientation of APP, resulting in the production of A beta 1-40 and A beta 1-42.

L3 ANSWER 28 OF 41 PROMT COPYRIGHT 2004 Gale Group on STN
 ACCESSION NUMBER: 2000:176605 PROMT
 TITLE: Active Pass Pharmaceuticals Establishes Scientific Advisory Board.
 SOURCE: Business Wire, (6 Mar 2000) pp. 225.
 PUBLISHER: Business Wire
 DOCUMENT TYPE: Newsletter
 LANGUAGE: English
 WORD COUNT: 682
 FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 29 OF 41 USPATFULL on STN
 AN 2004:64491 USPATFULL
 TI Transmembrane proteins
 IN Warren, Bridget A, Encinitas, CA, UNITED STATES
 Xu, Yuming, Mountain View, CA, UNITED STATES
 Yue, Henry, Sunnyvale, CA, UNITED STATES
 Batra, Sajeev, Oakland, CA, UNITED STATES
 Burford, Neil, Durham, CT, UNITED STATES
 Gandhi, Ameena R, San Francisco, CA, UNITED STATES
 Chawla, Narinder K, Union City, CA, UNITED STATES
 Arvizu, Chandra S, San Jose, CA, UNITED STATES
 Tang, Y Tom, San Jose, CA, UNITED STATES
 Lu, Dyung Aina M, San Jose, CA, UNITED STATES
 Duggan, Brendan M, Sunnyvale, CA, UNITED STATES
 Baughn, Mariah R, San Leandro, CA, UNITED STATES
 Lee, Ernestine A, Castro Valley, CA, UNITED STATES
 Khan, Farrah A, Glen View, IL, UNITED STATES
 Nguyen, Dannie B, San Jose, CA, UNITED STATES
 Azimzai, Yalda, Oakland, CA, UNITED STATES
 Yao, Monique G, Carmel, IN, UNITED STATES
 Lal, Preeti G, Santa Clara, CA, UNITED STATES
 Thangavelu, Kavitha, Mountain View, CA, UNITED STATES
 Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
 Tran, Bao, Santa Clara, CA, UNITED STATES
 Ding, Li, Creve Coeur, MI, UNITED STATES
 Au-Young, Janice K, Brisbane, CA, UNITED STATES

PI US 2004049010 A1 20040311
AI US 2003-415188 A1 20030423 (10)
WO 2001-US49670 20011026
DT Utility
FS APPLICATION
LN.CNT 7985
INCL INCLM: 530/350.000
INCLS: 536/023.500; 435/006.000; 435/069.100; 435/252.300; 435/320.100;
435/325.000
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ICM: C07K014-705
ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06; C12N001-21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 30 OF 41 USPATFULL on STN
AN 2004:63735 USPATFULL
TI Molecules for diagnostics and therapeutics
IN Panzer, Scott R., Sunnyvale, CA, UNITED STATES
Spiro, Peter A., Palo Alto, CA, UNITED STATES
Banville, Steven C., Palo Alto, CA, UNITED STATES
Shah, Purvi, San Jose, CA, UNITED STATES
Chalup, Michael S., Sunnyvale, CA, UNITED STATES
Chang, Simon C., Mountain View, CA, UNITED STATES
Chen, Alice J., San Jose, CA, UNITED STATES
D'Sa, Steven A., East Palo, CA, UNITED STATES
Amshey, Stefan, San Francisco, CA, UNITED STATES
Dahl, Christopher E., Fremont, CA, UNITED STATES
Dam, Tam C., San Jose, CA, UNITED STATES
Daniels, Susan E., Palo Alto, CA, UNITED STATES
Dufour, Gerard E., Castro Valley, CA, UNITED STATES
Flores, Vincent, Union City, CA, UNITED STATES
Fong, Willy T., San Francisco, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
Jackson, Jennifer L., Mountain View, CA, UNITED STATES
Jones, Anissa L., San Jose, CA, UNITED STATES
Liu, Tommy F., Daly City, CA, UNITED STATES
Lincoln, Ann M. Roseberry, Redwood City, CA, UNITED STATES
Rosen, Bruce H., Menlo Park, CA, UNITED STATES
Russo, Frank D., Rossette Court Sunnyvale, CA, UNITED STATES
Stockdreher, Theresa K., Sunnyvale, CA, UNITED STATES
Daffo, Abel, San Jose, CA, UNITED STATES
Wright, Rachel J., Mountain View, CA, UNITED STATES
Yap, Pierre E., Lafayette, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
Bradley, Diana L., Soquel, CA, UNITED STATES
Bratcher, Shawn R., Mountain View, CA, UNITED STATES
Chen, Wensheng, Mountain View, CA, UNITED STATES
Cohen, Howard J., Palo Alto, CA, UNITED STATES
Hodgson, David M., Ann Arbor, MI, UNITED STATES
Lincoln, Stephen E., Redwood City, CA, UNITED STATES
Jackson, Stuart E., Mountain View, CA, UNITED STATES

PI US 2004048253 A1 20040311
AI US 2003-220120 A1 20030605 (10)
WO 2001-US6059 20010221
DT Utility
FS APPLICATION
LN.CNT 17872
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
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ICM: C12Q001-68
ICS: C07H021-04; C07K014-47; A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 31 OF 41 USPATFULL on STN
AN 2004:18785 USPATFULL
TI Molecules for diagnostics and therapeutics
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Lincoln, Stephen E., Potomac, MD, UNITED STATES
Russo, Frank D., Sunnyvale, CA, UNITED STATES
Albany, Peter A., Berkeley, CA, UNITED STATES

Banville, Steve C., Sunnyvale, CA, UNITED STATES
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 Greenawalt, Lila B., San Jose, CA, UNITED STATES
 Panzer, Scott R., Sunnyvale, CA, UNITED STATES
 Roseberry Lincoln, Ann M., Potomac, MD, UNITED STATES
 Wright, Rachel J., Merivale, NEW ZEALAND
 Daniels, Susan E., Mountain View, CA, UNITED STATES
 PA Incyte Corporation, Palo Alto, CA, UNITED STATES (U.S. corporation)
 PI US 2004014087 A1 20040122
 AI US 2003-378029 A1 20030228 (10)
 RLI Continuation-in-part of Ser. No. US 2001-980285, filed on 30 Nov 2001,
 PENDING A 371 of International Ser. No. WO 2000-US15404, filed on 31 May
 2000, PENDING
 PRAI US 1999-147500P 19990805 (60)
 US 1999-147542P 19990805 (60)
 US 1999-147541P 19990805 (60)
 US 1999-147824P 19990805 (60)
 US 1999-147547P 19990805 (60)
 US 1999-147530P 19990805 (60)
 US 1999-147536P 19990805 (60)
 US 1999-147520P 19990805 (60)
 US 1999-147527P 19990805 (60)
 US 1999-147549P 19990805 (60)
 US 1999-147377P 19990804 (60)
 US 1999-147436P 19990804 (60)
 US 1999-137411P 19990603 (60)
 US 1999-137396P 19990603 (60)
 US 1999-137417P 19990603 (60)
 US 1999-137337P 19990603 (60)
 US 1999-137173P 19990602 (60)
 US 1999-137114P 19990602 (60)
 US 1999-137259P 19990602 (60)
 US 1999-137113P 19990602 (60)
 US 1999-137260P 19990602 (60)
 US 1999-137258P 19990602 (60)
 US 1999-137109P 19990602 (60)
 US 1999-137161P 19990601 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 14819
 INCL INCLM: 435/006.000
 INCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000;
 530/388.260; 536/023.200; 800/008.000
 NCL NCLM: 435/006.000
 NCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000;
 530/388.260; 536/023.200; 800/008.000
 IC [7]
 ICM: C12Q001-68
 ICS: G01N033-53; A01K067-00; C07H021-04; C12N009-00; C12P021-02;
 C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L3 ANSWER 32 OF 41 USPATFULL on STN
 AN 2004:12959 USPATFULL
 TI Methods and compositions for diagnosing or monitoring auto immune and
 chronic inflammatory diseases
 IN Wohlgemuth, Jay, Palo Alto, CA, UNITED STATES
 Fry, Kirk, Palo Alto, CA, UNITED STATES
 Woodward, Robert, Pleasanton, CA, UNITED STATES
 Ly, Ngoc, San Bruno, CA, UNITED STATES
 PI US 2004009479 A1 20040115
 AI US 2002-131827 A1 20020424 (10)
 RLI Continuation-in-part of Ser. No. US 2001-6290, filed on 22 Oct 2001,
 PENDING
 PRAI US 2001-296764P 20010608 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 19677
 INCL INCLM: 435/006.000

NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 33 OF 41 USPATFULL on STN
AN 2004:7326 USPATFULL
TI Markers of neuronal differentiation and morphogenesis
IN Loring, Jeanne F., Foster City, CA, UNITED STATES
Kaser, Matthew R., Castro Valley, CA, UNITED STATES
PI US 2004005559 A1 20040108
AI US 2002-62674 A1 20020130 (10)
RLI Continuation-in-part of Ser. No. US 2000-625102, filed on 24 Jul 2000,
ABANDONED
DT Utility
FS APPLICATION
LN.CNT 5725
INCL INCLM: 435/006.000
INCLS: 536/024.300
NCL NCLM: 435/006.000
NCLS: 536/024.300
IC [7]
ICM: C12Q001-68
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 34 OF 41 USPATFULL on STN
AN 2003:194491 USPATFULL
TI Libraries of expressible gene sequences
IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003134302 A1 20030717
AI US 2002-210985 A1 20020801 (10)
RLI Continuation of Ser. No. US 2001-3021, filed on 14 Nov 2001, PENDING
Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, ABANDONED
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9810
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 35 OF 41 USPATFULL on STN
AN 2003:173922 USPATFULL
TI Intercellular delivery of a herpes simplex virus VP22 fusion protein
from cells infected with lentiviral vectors
IN Lai, Zhennan, N. Potomac, MD, UNITED STATES
Reiser, Jakob, New Orleans, LA, UNITED STATES
Brady, Roscoe O., Rockville, MD, UNITED STATES
PI US 2003119770 A1 20030626
AI US 2002-212634 A1 20020802 (10)
PRAI US 2001-310012P 20010802 (60)
DT Utility
FS APPLICATION
LN.CNT 2103
INCL INCLM: 514/044.000
INCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
NCL NCLM: 514/044.000
NCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
IC [7]
ICM: A61K048-00
ICS: C12N007-00; C12N015-867

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 36 OF 41 USPATFULL on STN
AN 2003:106252 USPATFULL
TI Libraries of expressible gene sequences

IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003073163 A1 20030417
AI US 2001-3021 A1 20011114 (10)
RLI Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, PENDING
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9813
INCL INCLM: 435/069.100
INCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000;
435/193.000
NCL NCLM: 435/069.100
NCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000;
435/193.000
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12N009-10; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 37 OF 41 USPATFULL on STN
AN 2003:57525 USPATFULL
TI Protein-protein interactions in adipocyte cells
IN Legrain, Pierre, Paris, FRANCE
Marullo, Stefano, Paris, FRANCE
Ralf, Jockers, Bures Sur Yvette, FRANCE
PI US 2003040089 A1 20030227
AI US 2002-38010 A1 20020102 (10)
PRAI US 2001-259377P 20010102 (60)
DT Utility
FS APPLICATION
LN.CNT 7738
INCL INCLM: 435/183.000
INCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200;
702/019.000
NCL NCLM: 435/183.000
NCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200;
702/019.000
IC [7]
ICM: G01N033-53
ICS: G06F019-00; G01N033-48; G01N033-50; C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 38 OF 41 USPATFULL on STN
AN 2000:102075 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN Fowlkes, Dana Merriman, New York, NY, United States
Broach, Jim, New York, NY, United States
Manfredi, John, New York, NY, United States
Klein, Christine, New York, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, Palisades, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 6100042 20000808
AI US 1994-322137 19941013 (8)
RLI Continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6899
INCL INCLM: 435/007.100
INCLS: 435/006.000; 435/252.300; 435/483.000
NCL NCLM: 435/007.100
NCLS: 435/006.000; 435/252.300; 435/483.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53

EXF 435/6; 435/7.1; 435/172.3; 435/252.3; 435/483
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 41 USPATFULL on STN
AN 2000:9723 USPATFULL
TI Unique nucleotide and amino acid sequence and uses thereof
IN Summers, Max D., Bryan, TX, United States
Braunagel, Sharon C., Bryan, TX, United States
Hong, Tao, Bryan, TX, United States
PA The Texas A & M University System, College Station, TX, United States
(U.S. corporation)
PI US 6017734 20000125
AI US 1997-792832 19970130 (8)
RLI Continuation-in-part of Ser. No. US 1996-678435, filed on 3 Jul 1996,
now abandoned
PRAI US 1995-955P 19950707 (60)
DT Utility
FS Granted
LN.CNT 7846
INCL INCLM: 435/069.700
INCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100;
536/023.720; 536/024.100
NCL NCLM: 435/069.700
NCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100;
536/023.720; 536/024.100
IC [6]
ICM: C07H021-00
ICS: C12N005-10; C12N015-33; C12N015-63
EXF 435/69.1; 435/69.7; 435/69.8; 435/172.1; 435/320.1; 435/325; 435/348;
435/365; 435/410; 435/91.4; 514/44; 536/23.1; 536/23.72; 536/24.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 40 OF 41 USPATFULL on STN
AN 1999:27415 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates
and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 5876951 19990302
AI US 1995-461598 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994
which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6645
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/257.3; 435/320.1; 435/4.1; 435/7.31;
435/254.11; 435/254.2; 435/254.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 41 USPATFULL on STN
AN 1998:91815 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States

PA Trueheart, Joshua, South Nyack, NY, United States
Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 5789184 19980804
AI US 1995-464531 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994
which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6731
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210; 435/DIG.007; 435/DIG.027
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/252.3; 435/320.1; 435/254.21; 435/254.2;
435/254.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
STN INTERNATIONAL LOGOFF AT 09:26:28 ON 09 APR 2004